



State of Washington
Application for a Water Right Permit

☐ SURFACE WATER ☒ GROUND WATER
☒ Permanent ☐ Temporary ☐ Short Term

Follow the attached instructions. Attach additional sheets as necessary.

A NON-REFUNDABLE MINIMUM FEE OF \$50.00 PAYABLE TO
THE DEPARTMENT OF ECOLOGY MUST ACCOMPANY THIS APPLICATION.

Section 1. APPLICANT

Applicant/Business Name: Evergreen Investors, LLC	Phone No: 360-567-0626	Other No:
Address: 500 East Broadway, Suite 110		
City: Vancouver	State: WA	Zip: 98660
Email Address (optional):		

Contact Name (if different from above): Mr. Steve Burdick	Phone No: 360-567-0626	Other No: 360-567-0978
Relationship to Applicant: Representative for Evergreen Investors, LLC		
Address: 500 East Broadway, Suite 110		
City: Vancouver	State: WA	Zip: 98660
Email Address (optional): steve@killianpacific.com		

Section 2. STATEMENT OF INTENT

Briefly describe the purpose of your proposed project: The objective of this project is to install an open-loop ground source heat pump system using groundwater that will be used for non-consumptive purposes. The system will provide heating and cooling of buildings. This use results in a net zero take of groundwater since groundwater is extracted from the aquifer and then reinjected back into the same aquifer.

Anticipated length of time to complete your project: 3 yrs

Water Use List all purposes for which water will be applied to a beneficial use and list quantity required for each.

Purpose(s) of Use	Rate (check one box only)		Acre-Feet per Year (AF/YR) (If known)	Period of Use (Continuously or Seasonal)
	<input type="checkbox"/> Cubic Feet per Second (CFS)	<input checked="" type="checkbox"/> Gallons per Minute (GPM)		
Ground source heat pump	3,500		5645.5	Continuously
TOTAL:	3,500		5645.5	

Short Term/Temporary Water Use

Is this a request for a short term project (less than four months and non-recurring)? ☐ YES ☒ NO

Is this request for a temporary permit? ☐ YES ☒ NO

If yes to either question above, indicate the dates that the water will be needed:

FROM: ___/___/___ TO: ___/___/___

For Ecology Use	APPLICATION NO: <u>G 2-30455</u>	SEPA: Exempt/Not Exempt
	Fec Paid: _____ Check No: _____	ECY Coding: 001-001-WR1-0285-000011
Date Returned: <u>2/25/08</u>	By: <u>SL</u>	Priority Date: <u>2/25/08</u> By: <u>SL</u> WRIA: <u>28</u>

Section 3. POINT OF DIVERSION OR WITHDRAWAL

Complete A or B, and C below

A.) If Surface Water Source	B.) If Ground Water Source
<input type="checkbox"/> Spring <input type="checkbox"/> Creek <input type="checkbox"/> River <input type="checkbox"/> Lake <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Well(s) <input type="checkbox"/> Other: _____
Source Name: _____	Well diameter & depth: 12"/ est. 230 ft deep
Tributary to: _____	Number of proposed points of withdrawal: 3
Number of proposed diversion points: _____	Do you have an existing well? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Do you have an existing diversion? <input type="checkbox"/> YES <input type="checkbox"/> NO	If available, attach Water Well Report and pump test. Well Tag ID No. _____

C.) Point of Diversion/Withdrawal – Legal Description

Parcel No.	¼	¼	Section	Township	Range	County
038845, -65, -28, -30, -26, -23, 039218, -08, -10, -04, -06, -02, -00, -16, -12, -14; 039196, -98.		NE	27	2N	1E	Clark
Lot(s)	Block(s)		Subdivision			
multiple	32, 33, 38, 39		East Vancouver			

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:
_____ Feet (☐ North/☐ South) and _____ feet (☐ East/☐ West)
from the (☐NW ☐SW ☐NE ☐SE ☐ _____) corner of Section _____.

Parcel No.	¼	¼	Section	Township	Range	County
Lot(s)	Block(s)		Subdivision			

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:
_____ feet (☐ North/☐ South) and _____ feet (☐ East/☐ West)
from the (☐NW ☐SW ☐NE ☐SE ☐ _____) corner of Section _____.

NOTE: If more than two points of diversion/withdrawal attach additional information on a separate sheet of paper.

Do you own the land on which the proposed point of diversion/withdrawal is located? ☒ YES ☐ NO
If no, do you have legal authority to make this application for use of another's land? ☐ YES ☐ NO
Provide the owner name(s), address, and phone number: _____

Section 4. PLACE OF USE

Attach a copy of the legal description of the property (on which the water will be used) taken from a real estate contract, property deed or title insurance policy, or copy it carefully in the space below.

Legal Description of property is included as Attachment A..

¼	¼	Section	Twp.	Range	County	Parcel No.
	NE	27	2N	1E	Clark	038845, -65, -28, -30, -26, -23, 039218, -08, -10, -04, -06, -02, -00, -16, -12, -14; 039196, -98.

Do you own all the lands on which the proposed place of use is located? ☒ YES ☐ NO.

If no, do you have legal authority to make this application for use of another's land? ☐ YES ☐ NO
Provide owner name(s), address, and phone number: _____

Are there any other water rights or claims associated with this property or water system? ☐ YES ☒ NO
If yes, provide the water right and/or claim numbers: _____

Attach a map of your project showing the point of diversion/withdrawal and place of use. If platted property, be sure to include a complete copy of the plat map.

Section 5. WATER SYSTEM DESCRIPTION

Describe your proposed water system (include type and size of devices used to divert or withdraw water from source): Groundwater will be extracted from the target aquifer, conveyed into the building for heating and cooling, and then reinjected into the same target aquifer. This system design results in a net-zero groundwater take. The system will consist of three potential production wells, a stainless steel plate and frame heat exchanger, and three potential injection wells. Variable frequency drives and pumps will be used to extract groundwater at rates up to a maximum of 3,500 gallons per minute.

Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION

Complete A or B, and C below

A.) Domestic Water Systems only	B.) Municipal Water Systems only <small>(defined under RCW 90.03.015)</small>
Projected number of connections to be served: _____	Present population to be served water: _____
Type of connections: _____ <small>(e.g., home, recreational cabin)</small>	Estimate future population to be served: _____ (20 year projection)

C.) Water System Planning

Do you have a Water System Plan approved by the Washington State Department of Health, Drinking Water Division? ☐ YES ☐ NO

If yes, date plan was approved ____/____/____ Water System Number: _____

Name of water system: _____

Are you within the service area of an existing water system? ☐ YES ☐ NO

If yes, explain why you are unable to connect to the system: _____

Section 7. IRRIGATION/STOCKWATER/OTHER FARM USES

Irrigation

Total number of acres requested to be irrigated under this application = _____ ACRES

NOTE: Outline the area to be irrigated on your attached map.

Stockwater

List number and kind of stock: _____

Is the proposed project for a dairy farm? ☐ YES ☐ NO

Other Proposed Farm Uses

Describe all proposed uses: _____

Family Farm Water Act (RCW 90.66):

- Calculate the acreage in which you have a controlling interest, including only:
- Acreage irrigated under water rights acquired after December 8, 1977,
 - Acreage proposed to be irrigated under this application, and
 - Acreage proposed to be irrigated under other pending application(s).

Is the combined acreage under existing rights greater than 6000 acres? ☐ YES ☐ NO

Do you have a controlling interest in a Family Farm Development Permit? ☐ YES ☐ NO

If yes, enter Permit No: _____

Section 8. OTHER WATER USES

Hydropower

Indicate total feet of head _____ and proposed capacity in kilowatts: _____

Describe works: _____

Indicate all uses to which power is to be applied: _____

FERC License No: _____

Mining/Industrial Use

Describe use, method of supplying and utilizing water: _____

Other Use

Section 9. WATER STORAGE

Will you be using a dam, dike, or other structure to retain or store water? ☐ YES ☒ NO

Are you proposing to store more than 10 acre-feet of water? ☐ YES ☒ NO

Will the water depth be 10 feet or more? ☐ YES ☒ NO

If you answered yes to any of the above questions, please describe: _____

NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point and some portion of the storage will be above grade, you must also complete an Application for Permit to Construct a Reservoir and a Dam Construction Permit and Application.

Section 10. DRIVING DIRECTIONS

Provide detailed driving directions to the project site: From I-5 South, take the 1B Exit for 6th Street towards City Center. Merge onto C Street and look for 901 C Street.

Site Address: 901 C Street, Vancouver, WA 98660

Section 11. REQUIRED SIGNATURES

I certify that the information provided in this application is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though the employees of the Department of Ecology may have assisted me in the preparation of the above application, all responsibility for the accuracy of the information rests with me, the applicant.

Carmen E. Keller
Print Name
(Applicant or authorized representative)

[Signature] 2/21/08
Signature Date

Carmen E. Keller
Print Name
(Landowner of Place of Use)

[Signature] 2/21/08
Signature Date

Print Name
(Landowner of Place of Use)

Signature Date

Print Name
(Landowner of Place of Use)

Signature Date

Submit your application to: DEPARTMENT OF ECOLOGY
CASHIERING SECTION
PO BOX 5128
LACEY WA 98509-5128

Please check the region in which your proposed project is located.
☒ Southwest ☐ Northwest ☐ Central ☐ Eastern

Below is a map of the State of Washington, with outlines of the four Ecology regional offices. If you have questions about your application, contact the Water Resources program at the regional office in which your project is located.